

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097059 A1

- (51) International Patent Classification⁷: **A61K 7/48**, 7/02, 7/021, 7/42
- (21) International Application Number: PCT/EP2005/003501
- (22) International Filing Date: 4 April 2005 (04.04.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/559,832 5 April 2004 (05.04.2004) US
04016057.4 8 July 2004 (08.07.2004) EP
- (71) Applicant (for all designated States except US): **LONZA, INC.** [US/US]; 90 Boroline Road, Allendale, NJ 07401-1613 (US).
- (71) Applicant (for ZW only): **LONZA AG** [CH/CH]; Münchensteinerstrasse 38, CH-4052 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **GUTH, Jacob** [US/US]; 1245 Friendship Lane, Upper Blach Eddy, PA 18972 (US). **LENTNER, Vickie** [US/US]; 66 Park Avenue, Washington, NJ 07882 (US).
- (74) Common Representative: **LONZA AG**; Münchensteinerstrasse 38, CH-4052 Basel (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD FOR THE PREPARATION OF COSMETIC EMULSIONS

(57) Abstract: A novel method is disclosed for the preparation of oil-in-water emulsions suitable for cosmetic or topical dermatological products. The method comprises the step of mixing at least one cosmetically active ingredient with an aqueous emulsion of washed vegetable oil bodies (oleosomes) and the temperature of the products does never exceed about 40°C during the steps of the method.



WO 2005/097059 A1